

Gladewater Dam and Lake Gladewater

OWNER

City of Gladewater.

ENGINEER

Otto Staerker.
Joe E. Ward.

LOCATION

On Glade Creek in Upshur County, in northwest part of Gladewater.

DRAINAGE AREA

35 square miles.

DAM

Type	Earthfill
Length	1,203 ft
Height	48 ft
Top width	16 ft
Top elevation	312.0 ft above msl

SPILLWAY (emergency)

Location	Right end of the dam
Type	Uncontrolled concrete structure
Crest length	200 ft
Crest elevation	304.0 ft above msl

SPILLWAY (service)

Location	Near emergency spillway
Type	Uncontrolled concrete structure
Crest length	200 ft
Crest elevation	300.0 ft above msl

OUTLET WORKS

Type	Vertical concrete tower
Control	Several slide gates at various elevations
Outlet	Concrete pipe, 30-inch diameter
Discharge	To city pumping plant and low flow release

STATE AUTHORIZATION

Permit No. 1587 (Application No. 1710), August 30, 1951, authorizes storage of 6,950 acre-feet of water and annual use of 1,679 acre-feet.

RESERVOIR DATA

Capacity	6,950 acre-feet at elevation 300.0 ft above msl
Area	800 acres at elevation 300.0 ft above msl

GENERAL

Construction started	October 15, 1951
Deliberate impoundment began	August 29, 1952
Construction completed	August 29, 1952
General contractor	E. E. Contractor Co., South Houston, Texas
Estimated cost of the dam	\$137,004

